



Attorney's Docket No.: 12732-064001 / US5158/5166

2673

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jun Koyama et al.
Serial No. : 09/923,433
Filed : August 8, 2001
Title : LIQUID CRYSTAL DISPLAY DEVICE, METHOD OF DRIVING THE SAME,
AND METHOD OF DRIVING A PORTABLE INFORMATION DEVICE
HAVING THE LIQUID CRYSTAL DISPLAY DEVICE

Art Unit : 2673
Examiner : Amare Mengistu

MAIL STOP AMENDMENTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449. In accordance with the PTO's waiver of 37 CFR 1.98 (a)(2)(iii), only copies of foreign patent documents and non-patent references are enclosed.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: December 3, 2004

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-064001	Application No. 09/923,433
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Jun Koyama et al.	
		Filing Date August 8, 2001	Group Art Unit 2673

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2002-0003521	01/10/2002	MATSUEDA et al.			04/16/1998
	AB	2002-0021274	02/21/2002	KOYAMA et al.			08/08/2001
	AC	4,432,610	02/21/1984	KOBAYASHI et al.			02/19/1981
	AD	4,752,118	06/21/1988	JOHNSON			10/14/1986
	AE	4,773,738	09/27/1988	HAYAKAWA et al.			08/25/1987
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	AH	5,200,846	04/06/1993	HIROKI et al.			02/18/1992
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Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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		Filing Date August 8, 2001	Group Art Unit 2673

(37 CFR §1.98(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BB	6,356,028	03/12/2002	LEGAGNEUX et al.			03/02/2000
	BC	6,366,026	04/02/2002	SAITO et al.			03/03/2000
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	BK						
	BL						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	BM	EP0 999 595	10 MAY 2000	EUROPE			In English	
	BN	EP1 098 290	09 MAY 2001	EUROPE			In English	
	BO	JP04-350627	04 DEC 1992	JAPAN			Full	
	BP	JP06-102530	15 APR 1994	JAPAN			Full	
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	BV	JP10-247735	14 SEP 1998	JAPAN			Abstract	
	BW	JP10-312173	24 NOV 1998	JAPAN			Full	
	BX							

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Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	BY	Koyama et al., "A 4.0-in Poly Si TFT-LCD with Integrated 6-bit Digital Data Driver Using CGS Technology;" AM-LCD '99, AMP1-3, July 1, 1999, pp. 29-32.
	BZ	Shimoda et al., "High Resolution Light Emitting Polymer Display Driven By Low Temperature Polysilicon Thin Film Transistor With Integrated Driver," ASIA DISPLAY '98, January 1, 1998, pp. 217-220.
	CA	Schenk et al., "Polymers for Light Emitting Diodes," EURODISPLAY '99, September 6-9, 1999, pp. 33-37.
	CB	Han et al., "Green OLED with Low Temperature Poly Si TFT," EURODISPLAY '99, Late-News Papers, September 1, 1999, pp. 27-30.
	CC	Shimoda et al., "Current Status and Future of Light-Emitting Polymer Display Driven by Poly-Si TFT," SID '99 DIGEST, January 1, 1999, pp. 372-375.
	CD	

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